

IN THE CLAIMS

Claim 94 has been amended. Claims 103, 104, and 97-102 have been canceled. Claims 90-94 are pending in the present application. The following is the status of the claims of the above-captioned application, as amended.

1-89. (Canceled).

90. (Previously Presented) An isolated trichodiene synthase comprising the amino acid sequence of SEQ ID NO: 2.

91. (Previously Presented) The trichodiene synthase of claim 90, consisting of the amino acid sequence of SEQ ID NO: 2.

92. (Previously Presented) The trichodiene synthase of claim 90, which is obtained from a *Fusarium* strain.

93. (Previously Presented) The trichodiene synthase of claim 92, wherein the *Fusarium* strain is a *Fusarium venenatum* strain.

94. (Currently Amended) The trichodiene synthase of claim 93, wherein the *Fusarium venenatum* strain is *Fusarium venenatum* ATCC 20334 NRRL 30747.

95-104. (Canceled).